

Remarks/Arguments

Claims 1-37 are pending in the application. Claims 8, 23, 29, 32, and 35 have been canceled. Claims 1, 9, 16, 18, 24, 30, 31, 33, 34, 36, and 37 have been amended. New claims 38-41 have been added.

Claims Rejections – 35 USC § 102

Claims 1, 5-7, 23-26, and 32-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Stergiopoulos et al. (US Patent 6,236,705).

Claims 1, 2, 5-7, 23-26, and 32-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Heuscher (US Patent Application 2004/0081270).

Having regard to amended claim 1, Applicant has amended the claim to include the features of dependent claim 8. In more detail, claim 1 has been amended to include the features of:

SOC processing the projection data for removing a signal component in dependence upon stationarity of the object; and,
using an unwrapping filter processing the SOC processed projection data for recovering temporal information.

These features are neither shown nor suggested in the cited references as stated by the examiner.

Applicant respectfully submits that claims 2 and 5-7 depend directly or indirectly from believed allowable claim 1. Accordingly, the applicant submits that claims 2 and 5-7 are also allowable.

Claim 23 has been canceled.

Independent claim 24 has been amended to include the features of dependent claim 29 which are the same allowable features as the ones of dependent claim 8.

Applicant respectfully submits that claims 25 and 26 depend directly or indirectly from believed allowable claim 24. Accordingly, the applicant submits that claims 25 and 26 are also allowable.

Claim 32 has been canceled.

Independent claim 33 has been amended to include the features of dependent claim 35 which are the same allowable features as the ones of dependent claim 8.

Applicant respectfully submits that claim 34 depends directly from believed allowable claim 33. Accordingly, the applicant submits that claim 34 is also allowable.

Claims Rejections – 35 USC § 103

Claims 27 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stergiopoulos et al. (US Patent 6,236,705).

Claims 3, 4, 27 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Heuscher (US Patent Application 2004/0081270).

Applicant respectfully submits that claims 3, 4, 27, and 28 depend indirectly from believed allowable claims 1 and 24, respectively. Accordingly, the applicant submits that claims 3, 4, 27, and 28 are also allowable.

Allowable Subject Matter

Applicant would like to thank the examiner for indicating the allowability of claims 8-22, 29-31, and 35-37 if rewritten in independent form including all limitations of the base claim and any intervening claims and for indicating the allowable subject matter.

Applicant has amended the claims based on the examiner's statement indicating the allowable subject matter as follows. Originally filed claims 1, 16, 24, 31, 33, and 37 have been amended such that each claim comprises all the limitations of the base claim and allowable subject matter as indicated by the examiner. Therefore, independent claims 1, 16, 24, 31, 33, and 37 are in allowable form.

Applicant respectfully submits that claims 2-7, 9-15, 17-22, 24-28, 30, 34, 36, and 38-41 depend directly or indirectly from a believed allowable claim. Accordingly, the applicant submits that these claims are also allowable.

No new matter has been added in the amended claims and the new claims. The new claims 38-41 define the same features as originally filed claims 2 and 25.

Applicant looks forward to receiving favourable reconsideration of the present application.

Please charge the amount of \$100.00 to Deposit Account No. 50-1142 for the payment of one additional independent claim.

Please charge any additional fees required or credit any overpayment to Deposit Account No: 50-1142.

Respectfully,



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